



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/856,617B

Source:

PCR/09

Date Processed by STIC:

5/19/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

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<http://www.uspto.gov/web/offices/pac/checker>

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003



OIPE

## RAW SEQUENCE LISTING

DATE: 05/19/2003

PATENT APPLICATION: US/09/856,617B

TIME: 15:00:41

Input Set : A:\766.52.txt

Output Set: N:\CRF4\05192003\I856617B.raw

3 <110> APPLICANT: KYOWA HAKKO KOGYO CO., LTD.,  
 5 <120> TITLE OF INVENTION: NOVEL POLYPEPTIDE  
 7 <130> FILE REFERENCE: 766.52  
 9 <140> CURRENT APPLICATION NUMBER: US 09/856,617B  
 10 <141> CURRENT FILING DATE: 2001-05-24  
 12 <150> PRIOR APPLICATION NUMBER: H10-332484  
 13 <151> PRIOR FILING DATE: 1998-11-24  
 15 <150> PRIOR APPLICATION NUMBER: H11-248442  
 16 <151> PRIOR FILING DATE: 1999-09-02  
 18 <160> NUMBER OF SEQ ID NOS: 18  
 19 <170> SOFTWARE: PatentIn Ver. 2.0

**Does Not Comply**  
**Corrected Diskette Needed**

## ERRORED SEQUENCES

2035 <210> SEQ ID NO: 8  
 2036 <211> LENGTH: 1469 *1472 shown (p.3)*  
 2037 <212> TYPE: DNA  
 2038 <213> ORGANISM: Mouse  
 2040 <220> FEATURE:  
 2041 <221> NAME/KEY: CDS  
 2042 <222> LOCATION: (7)..(1458)  
 2044 <400> SEQUENCE: 8  
 2045 aagaag atg gct gcg ggt ggt aac agg gac ggt gag aag cgc ggc tcg aga 51  
 2046 Met Ala Ala Gly Gly Asn Arg Asp Gly Glu Lys Arg Gly Ser Arg  
 2047 1 5 10 15  
 2049 agc cag gcg gac tct ggc ttc ctg ggg ctg cgg ccg acc tcg gtg gat 99  
 2050 Ser Gln Ala Asp Ser Gly Phe Leu Gly Leu Arg Pro Thr Ser Val Asp  
 2051 20 25 30  
 2053 ccc gct ctg agg cgg cgg cgg cgg ggc ccc aga aac aag aag cgc ggc 147  
 2054 Pro Ala Leu Arg Arg Arg Arg Arg Gly Pro Arg Asn Lys Lys Arg Gly  
 2055 35 40 45  
 2057 tgg agg agg ctc gcc gag gag ccg ctg ggg tta gag gtc gac cag ttc 195  
 2058 Trp Arg Arg Leu Ala Glu Glu Pro Leu Gly Leu Glu Val Asp Gln Phe  
 2059 50 55 60  
 2061 ctg gaa gac gtc cgg cta cag gag cgc acg acc ggt ggc ttg ttg gca 243  
 2062 Leu Glu Asp Val Arg Leu Gln Glu Arg Thr Thr Gly Gly Leu Leu Ala  
 2063 65 70 75  
 2065 gag gcc cca aac gaa aag ctc ttc ttc gtg gac aca gga ttc aag aga 291  
 2066 Glu Ala Pro Asn Glu Lys Leu Phe Phe Val Asp Thr Gly Phe Lys Arg  
 2067 80 85 90 95  
 2069 aaa gaa cca aga aag aag agg acc ttg gtc cag aag aag tca cag cgt 339  
 2070 Lys Glu Pro Arg Lys Lys Arg Thr Leu Val Gln Lys Lys Ser Gln Arg

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2071		100		105		110		
2073	ctc	cag	aaa	ccc	tta	cgg	gtt	gac
2074	Leu	Gln	Lys	Pro	Leu	Arg	Val	Asp
2075			115				120	
2077	atc	cct	gct	ccc	aaa	gac	atc	ctc
2078	Ile	Pro	Ala	Pro	Lys	Asp	Ile	Leu
2079			130				135	
2081	aag	ctc	agg	cga	aag	gag	gag	tta
2082	Lys	Leu	Arg	Arg	Lys	Glu	Glu	Leu
2083			145				150	
2085	gaa	ctg	ccc	agg	gat	gtg	cgc	aag
2086	Glu	Leu	Pro	Arg	Asp	Val	Arg	Lys
2087	160						165	
2089	ccc	aca	cca	aag	gcc	aaa	cct	ggg
2090	Pro	Thr	Pro	Lys	Ala	Lys	Pro	Gly
2091							180	
2093	ttc	tat	gac	ctc	tgg	aac	cca	gac
2094	Phe	Tyr	Asp	Leu	Trp	Asn	Pro	Asp
2095							195	
2097	ggt	cag	gat	gca	ttt	ttt	ctg	gaa
2098	Gly	Gln	Asp	Ala	Phe	Phe	Leu	Glu
2099							210	
2101	cgg	cca	caa	cgc	ctc	cac	atc	aag
2102	Arg	Pro	Gln	Arg	Leu	His	Ile	Lys
2103							225	
2105	gtg	att	cct	gca	gga	gcc	tcc	tac
2106	Val	Ile	Pro	Ala	Gly	Ala	Ser	Tyr
2107	240						245	
2109	gcc	ctg	ctt	cga	gag	gcc	cat	gag
2110	Ala	Leu	Leu	Arg	Glu	Ala	His	Glu
2111							260	
2113	gca	gaa	aag	ctg	gag	cga	cag	ctg
2114	Ala	Glu	Lys	Leu	Glu	Arg	Gln	Leu
2115							275	
2117	gcc	acc	cag	gag	tcc	gtg	ttt	cgg
2118	Ala	Thr	Gln	Glu	Ser	Val	Phe	Arg
2119							290	
2121	gag	tct	gat	ggt	gag	gat	gag	cat
2122	Glu	Ser	Asp	Gly	Glu	Asp	Glu	His
2123							305	
2125	gag	gct	ggt	gat	ggg	acc	acc	gag
2126	Glu	Ala	Gly	Asp	Gly	Thr	Thr	Glu
2127	320						325	
2129	cct	gag	aag	agg	atg	gag	aag	aag
2130	Pro	Glu	Lys	Arg	Met	Glu	Lys	Lys
2131							340	
2133	aaa	gct	gct	cgc	aag	ctg	cgg	gtg
2134	Lys	Ala	Ala	Arg	Lys	Leu	Arg	Val
2135							355	

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```

2137 cgg ctt cag cac caa gaa ctt ttc agg ctg cgt ggg atc aag gcc cag 1155
2138 Arg Leu Gln His Gln Glu Leu Phe Arg Leu Arg Gly Ile Lys Ala Gln
2139          370          375          380
2141 gtg gcc cga agg ctg gca gaa ctg gca cgc cgg agg gag cag cgg cgc 1203
2142 Val Ala Arg Arg Leu Ala Glu Leu Ala Arg Arg Arg Glu Gln Arg Arg
2143          385          390          395
2145 ata cgg cga ctg gca gag gct gac aag ccc cga agg ctg gga cgg ctc 1251
2146 Ile Arg Arg Leu Ala Glu Ala Asp Lys Pro Arg Arg Leu Gly Arg Leu
2147 400          405          410          415
2149 aag tac cag gct cct gac att gat gtg cag ctc agc tct gag ttg tct 1299
2150 Lys Tyr Gln Ala Pro Asp Ile Asp Val Gln Leu Ser Ser Glu Leu Ser
2151          420          425          430
2153 ggc tca ctc agg aca ctg aag cca gaa ggt cac att ctc cga gac agg 1347
2154 Gly Ser Leu Arg Thr Leu Lys Pro Glu Gly His Ile Leu Arg Asp Arg
2155          435          440          445
2157 ttc aag agc ttc cag aag aga aat atg att gag ccc cga gaa cga gcc 1395
2158 Phe Lys Ser Phe Gln Lys Arg Asn Met Ile Glu Pro Arg Glu Arg Ala
2159          450          455          460
2161 aag ttc aag cgc aaa tac aaa gtg aag ctg gtg gag aag cgg gcc tac 1443
2162 Lys Phe Lys Arg Lys Tyr Lys Val Lys Leu Val Glu Lys Arg Ala Tyr
2163          465          470          475
2165 cgt gag att cag ttg tag ctgtgcagat g 1472
2166 Arg Glu Ile Gln Leu

```

E--&gt; 2167 480

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/856,617B

DATE: 05/19/2003

TIME: 15:00:42

Input Set : A:\766.52.txt

Output Set: N:\CRF4\05192003\I856617B.raw

L:2167 M:252 E: No. of Seq. differs, <211> LENGTH:Input:1469 Found:1472 SEQ:8